12/02/2005	11:16 408433	37460 LSI L	OGIC → 9	915712732885		NO.870	P 00
10	_	PART B	- FEE(S)	TRANSMITTAL			
Commoto and con	this form, together wit	th applicable fo	e(s) to M	fail Mail Stop ISS	NIE FEE		
Complete and sen	1 2 1	рр.:с-2-:-	30(3), 131 <u>111</u>	Commissione	r for Patents		
DEC 0 2 2	mos 20 \			P.O. Box 1450 Alexandria, V	0 /irginia 22313-1450		
132	u/		or F	fax (571) 273-288	5		
INSTRUMITIONS: This	formershould be used for tran	smitting the ISSU	E FEE and F	UBLICATION FEE (U	required). Blocks 1 through 5 s	hould be completed	wher
appropriate All further indicated independent	conservation of the land of th	Patent, advance one in Block 1, by (a)	ders and notil) specifying a	fication of maintenance for new correspondence add	required). Blocks 1 through 5 sess will be mailed to the current ress; and/or (b) indicating a septential.	correspondence ad- arate "FEE ADDRE	tress a SS" fo
mamtenance fee notation	ions.						
CURRENT CORRESPOND	ENCE ADDRESS (Note: Use Block L for	any change of address)		Fac(c) Transmittal	e of mailing can only be used f l. This certificate cannot be used	for any other accom	กลกงาท
24319	7590 10/31/2005			papers. Each addit	tional paper, such as an assignm ficate of mailing or transmission.	ent or formal drawin	ig, inu
• •	ORPORATION						
1621 BARBER				I hereby certify th	Certificate of Mailing or Transat this Fee(s) Transmittal is being	g deposited with the	e Unite
MS: D-106	LAND			Ctaker Dectal Curt	ice with sufficient postage for fu Mail Stop ISSUE FEE address USPTO (571) 273-2885, on the	ተፍተ ሶብዓዊዊ የጠዓህት ነገገ ዳገነ ሲ	TOOLOG
MILPITAS, CA	95035			transmitted to the	USPTO (571) 273-2885, on the		
05/2005 TBESHAH2 0	0000006 122252 107182	291		Mark Sa	lvatofe/)		ot,s usme
				777	LICK-		Signature
	.00 DA .00 DA			Decemb	er 2,2005		(Date
APPLICATION NO.	FILING DATE	J	FIRST NAME	INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION	NO.
10/718,291	11/19/2003		Andres	Teene	03-1135 81613	1215	
		G A PHYSICAL N			EGRATED CIRCUIT DESIGN		
APPLN. TYPS nonprovisional	SMALL ENTITY NO	1SSUE FF		PUBLICATION FEE \$300	TOTAL FRE(S) DUE \$1700	DATE DUE 01/31/2006	
							
EX	AMINER	ART UN	IT	CLASS-SUBCLASS			
DO,	THUAN V	2825		716-012000			
1. Change of correspond CFR 1.363).	ence address or indication of "F	ee Address" (37	_	ting on the patent front pay	- 1 Tii bal	Even, Tabi	E.
_ '	ondence address (or Change of	Correspondence		mes of up to 3 registered p OR, alternatively,	patent attorneys Figure		щ с.
Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.			(2) the name of a single firm (having as a member a 2				
	•						
"Fee Address" ind	ication (or "Pee Address" Indic 12 or more recent) attached. Us	ation form ic of a Customer	registered 2 registere	ne of a single firm (having attorney or agent) and the d patent attorneys or agent name will be printed.	pames of up to		
"Fcc Address" ind PTO/SB/47; Rev 03-0 Number is required.	ication (or "Pee Address" Indic 12 or more recent) attached. Us	se of a Customer	registered 2 registere listed, no r	attorney of agent) and the d patent attorneys or agen- name will be printed.	pames of up to		
"Fcc Address" ind PTO/SB/47; Rev 03-(Number is required. 3. ASSIGNEE NAME A PLEASE NOTE: Un	ication (or "Pee Address" Indic)2 or more recent) attached. Us NO RESIDENCE DATA TO E	se of a Customer BE PRINTED ON Toelow, no assignee	registered 2 registered 1 registered listed, no r THE PATENT data will and	attorney of agent) and the d patent attorneys or agent name will be printed. [(print or type) ear on the patent. If an a	pames of up to	document has been	filed f
"Fcc Address" ind PTO/SB/47; Rev 03-(Number is required. 3. ASSIGNEE NAME A PLEASE NOTE: Un	ication (or "Pee Address" Indic 12 or more recent) attached. Us ND RESIDENCE DATA TO F less an assignee is identified b h in 37 CFR 3.11. Completion	se of a Customer BE PRINTED ON I	registered 2 registere 2 registere listed, no r THE PATENT data will app T a substituta	attorney of agent) and the d patent attorneys or agent name will be printed. [(print or type) ear on the patent. If an a	ssignee is identified below, the	document has been	filed f
"Fcc Address" ind PTO/SB/47; Rev 03-(Number is required. 3. ASSIGNEE NAME A PLEASE NOTE: Un recordation as set fort (A) NAME OF ASSI	ication (or "Pee Address" Indic 12 or more recent) attached. Us ND RESIDENCE DATA TO F less an assignee is identified b h in 37 CFR 3.11. Completion	se of a Customer BE PRINTED ON I	registered 2 registered 2 registere listed, no r THE PATENT data will app T a substitute 3) RESIDENC	attorney of agent) and the d patent attorneys or agent name will be printed. (print or type) ear on the patent. If an a for filing an assignment.	names of up to is. If no name is 3 ssignee is identified below, the COUNTRY)	document has been	filed f
"Fee Address" ind PTO/SB/47; Rev 03-6 Number is required. 3. ASSIGNEE NAME A PLEASE NOTE: Un recordation as set ford (A) NAME OF ASSI LSI Logic	ication (or "Pee Address" Indic 12 or more recent) attached. Us ND RESIDENCE DATA TO F less an assignee is identified b h in 37 CFR 3.11. Completion GNEE	BE PRINTED ON Toelow, no assignee of this form is NOT	registered 2 registere listed, no resister to register the PATENT data will app I a substitute () RESIDENC Milpit	attorney of agent) and the d patent attorneys or agent hame will be printed. [(print or type)] ear on the patent. If an a for filing an assignment. E: (CITY and STATE OR as, California	names of up to ts. If no name is ssignee is identified below, the COUNTRY) , USA		
"Fee Address" ind PTO/SB/47; Rev 03-6 Number is required. 3. ASSIGNEE NAME A PLEASE NOTE: Un recordation as set ford (A) NAME OF ASSI LSI Logic	ication (or "Pee Address" Indic 12 or more recent) attached. Us ND RESIDENCE DATA TO B less an assignce is identified b h in 37 CFR 3.11. Completion GNEE Corporation	se of a Customer BE PRINTED ON I below, no assignce of this form is NOI (B	registered 2 registere listed, no resister to register the PATENT data will app I a substitute () RESIDENC Milpit	attorney of agent) and the d patent attorneys or agent as a market. (print or type) ear on the patent. If an a for filing an assignment. E: (CITY and STATE OR as, California	names of up to is. If no name is 3 ssignee is identified below, the COUNTRY)		
"Fee Address" ind PTO/SB/47; Rev 03-4 Number is required. 3. ASSIGNEE NAME A PLEASE NOTE: Un recordation as set fort (A) NAME OF ASSI LSI Logic Please check the appropri	ication (or "Pee Address" Indic 12 or more recent) attached. Us ND RESIDENCE DATA TO B less an assignce is identified b h in 37 CFR 3.11. Completion GNEE Corporation	se of a Customer BE PRINTED ON I below, no assignce of this form is NOI (B	registered 2 registered 2 registere (isted, no r (HE PATENT) data will app T a substitute 8) RESIDENC Milpit inted on the p p. Payment of	attorney of agent) and the d patent attorneys or agent as a market. (print or type) ear on the patent. If an a for filing an assignment. E: (CITY and STATE OR as, California	ssignee is identified below, the COUNTRY) USA Corporation or other private g		
"Fee Address" ind PTO/SB/47; Rev 03-6 Number is required. 3. ASSIGNEE NAME A PLEASE NOTE: Un recordation as set fort (A) NAME OF ASSI LSI Logic Please check the appropriate The following fee(s) XI Issue Fee XI Publication Fee (1)	ication (or "Pee Address" Indic 12 or more recent) attached. Us ND RESIDENCE DATA TO I less an assignce is identified b h in 37 CFR 3.11. Completion GNEE Corporation interessignce category or category are enclosed:	se of a Customer BE PRINTED ON I below, no assignee of this form is NOI (B cories (will not be pri 4b	registered 2 registered 2 registered (2 registered (3 registered (4 registered (4 registered (4 registered (5 registered (5 registered (5 registered (6 registered (6 registered (7 regi	attorney of agent) and the d patent attorneys or agent as a manne will be printed. I (print or type) ear on the patent. If an a for filing an assignment. IE: (CITY and STATE OR as, California atent): Individual Fee(s): in the amount of the fee(s) by credit card. Form PTO-	ssignee is identified below, the COUNTRY) USA Corporation or other private g is enclosed.	roup entity 🛚 Gov	emme
"Fee Address" ind PTO/SB/47; Rev 03-4 Number is required. 3. ASSIGNEE NAME A PLEASE NOTE: Un recordation as set fort (A) NAME OF ASSI LSI Logic Please check the appropriate of the following fee(s) XI Issue Fee	ication (or "Pee Address" Indic 12 or more recent) attached. Us ND RESIDENCE DATA TO I less an assignce is identified b h in 37 CFR 3.11. Completion GNEE Corporation interessignce category or category are enclosed:	se of a Customer BE PRINTED ON I below, no assignee of this form is NOI (B cories (will not be pri 4b	registered 2 registered 2 registered (2 registered (3 registered (4 registered (4 registered (4 registered (5 registered (5 registered (5 registered (6 registered (6 registered (7 regi	attorney of agent) and the d patent attorneys or agent as a manne will be printed. I (print or type) ear on the patent. If an a for filing an assignment. IE: (CITY and STATE OR as, California atent): Individual Fee(s): in the amount of the fee(s) by credit card. Form PTO-	ssignee is identified below, the COUNTRY) USA Corporation or other private g is enclosed.	roup entity 🛚 Gov	emme
"Fee Address" ind PTO/SB/47; Rev 03-6 Number is required. 3. ASSIGNEE NAME A PLEASE NOTE: Un recordation as set fort (A) NAME OF ASSI LSI Logic Please check the appropriate. The following fee(s) Issue Fee XI Publication Fee (1) Advance Order- 5. Change in Entity Sta	ication (or "Pee Address" Indic 12 or more recent) attached. Us ND RESIDENCE DATA TO E less an assignce is identified b h in 37 CFR 3.11. Completion GNEE Corporation iate assignce category or categor are enclosed: Vo small entity discount permit # of Copies tus (from status indicated abov	BE PRINTED ON I below, no assignee of this form is NOI (B) cories (will not be printed)	registered 2 registered 2 registered 2 registered 2 registered 2 registered 4 registered 6 registered 6 registered 7 registered 7 registered 8 registered 8 registered 9 registered 9 registered 10 re	attorney of agent) and the dipatent attorneys or agent amone will be printed. I (print or type) ear on the patent. If an a for filing an assignment. II: (CITY and STATE OR as , California atent): Individual fee(s): in the amount of the fee(s) by credit card. Form PTO-actor is hereby authorized ount Number 12-22.	ssignee is identified below, the COUNTRY) USA Corporation or other private g is enclosed. 2038 is attached by charge the required fee(s), o 52 (enclose an extra	roup entity Gov r credit any overpay copy of this form).	remme
"Fee Address" ind PTO/SB/47; Rev 03-6 Number is required. 3. ASSIGNEE NAME A PLEASE NOTE: Un recordation as set fort (A) NAME OF ASSI LSI Logic Please check the appropriate. The following fee(s) Issue Fee XI Publication Fee (1) Advance Order- 5. Change in Entity Sta	ication (or "Pee Address" Indic 12 or more recent) attached. Us ND RESIDENCE DATA TO E less an assignce is identified b in 37 CFR 3.11. Completion GNEE Corporation iate assignce category or categor are enclosed: No small entity discount permit # of Copies tus (from status indicated abov as SMALL ENTITY status. See	se of a Customer BE PRINTED ON Toelow, no assignee of this form is NOT (But to the common of the c	registered 2 registered 2 registered 2 registered 1 registered 1 registered 1 registered 2 registered 2 registered 2 registered 3 registered 3 registered 3 registered 3 registered 4 registered 5 registered 6 registered 6 registered 6 registered 6 registered 7 registered 6 registered 7 registered 6 registered 7 registered 7 registered 7 registered 7 registered 7 registered 7 registered 8 regis	attorney of agent) and the dipatent attorneys or agent and marked. If (print or type) ear on the patent. If an a for filing an assignment. IE: (CITY and STATE OR as, California attent): Individual fee(s): in the amount of the fee(s) by credit card. Form PTO-ector is hereby authorized ount Number 12-22.	ssignee is identified below, the COUNTRY) USA Corporation or other private g is enclosed. -2038 is attached. by charge the required fee(s), a 52 (enclose an extra	roup entity Government overpay copy of this form). CFR 1.27(g)(2).	ment,
"Fee Address" ind PTO/SB/47; Rev 03-6 Number is required. 3. ASSIGNEE NAME A PLEASE NOTE: Un recordation as set fort (A) NAME OF ASSI LSI Logic Please check the appropriate. The following fee(s) Issue Fee XI Publication Fee (1) Advance Order- 5. Change in Entity Sta	ication (or "Pee Address" Indic 12 or more recent) attached. Us ND RESIDENCE DATA TO E less an assignce is identified b in 37 CFR 3.11. Completion GNEE Corporation iate assignce category or categor are enclosed: No small entity discount permit # of Copies tus (from status indicated abov as SMALL ENTITY status. See	se of a Customer BE PRINTED ON Toelow, no assignee of this form is NOT (But to the common of the c	registered 2 registered 2 registered 2 registered 1 registered 1 registered 1 registered 2 registered 2 registered 2 registered 3 registered 3 registered 3 registered 3 registered 4 registered 5 registered 6 registered 6 registered 6 registered 6 registered 7 registered 6 registered 7 registered 6 registered 7 registered 8 registered 9 regis	attorney of agent) and the dipatent attorneys or agent and marked. If (print or type) ear on the patent. If an a for filing an assignment. IE: (CITY and STATE OR as, California attent): Individual fee(s): in the amount of the fee(s) by credit card. Form PTO-ector is hereby authorized ount Number 12-22.	ssignee is identified below, the COUNTRY) USA Corporation or other private g is enclosed. 2038 is attached by charge the required fee(s), o 52 (enclose an extra	roup entity Government overpay copy of this form). CFR 1.27(g)(2).	ment,
"Fee Address" ind PTO/SB/47; Rev 03-6 Number is required. 3. ASSIGNEE NAME A PLEASE NOTE: Un recordation as set fort (A) NAME OF ASSI LSI Logic Please check the appropriate. The following fee(s) Issue Fee XI Publication Fee (1) Advance Order- 5. Change in Entity Sta	ication (or "Pee Address" Indici- 12 or more recent) attached. Us ND RESIDENCE DATA TO F less an assignee is identified b in 37 CFR 3.11. Completion GNEE Corporation iate assignee category or categor are enclosed: No small entity discount permit # of Copies tus (from status indicated abov as SMALL ENTITY status. See TO is requested to apply the Iss id Publication Fee (if required) records of the United States Pal	se of a Customer BE PRINTED ON Toelow, no assignee of this form is NOT (But to the common of the c	registered 2 registered 2 registered 2 registered 1 registered 1 registered 1 registered 2 registered 2 registered 2 registered 3 registered 3 registered 3 registered 3 registered 4 registered 5 registered 6 registered 6 registered 6 registered 6 registered 7 registered 6 registered 7 registered 6 registered 7 registered 8 registered 9 regis	attorney of agent) and the dipatent attorneys or agent and marked. If (print or type) ear on the patent. If an a for filing an assignment. IE: (CITY and STATE OR as, California attent): Individual fee(s): in the amount of the fee(s) by credit card. Form PTO-ector is hereby authorized ount Number 12-22.	ssignee is identified below, the COUNTRY) USA Corporation or other private g is enclosed. -2038 is attached. by charge the required fee(s), a 52 (enclose an extra	roup entity Government overpay copy of this form). CFR 1.27(g)(2).	ment,
"Fee Address" ind PTO/SB/47; Rev 03-4 Number is required. 3. ASSIGNEE NAME A PLEASE NOTE: Un recordation as set fort (A) NAME OF ASSI LSI Logic Please check the appropriate for the University of the USP NOTE: The Issue Fee ar interest as shown by the	ication (or "Pee Address" Indici- 12 or more recent) attached. Us ND RESIDENCE DATA TO F less an assignee is identified b in 37 CFR 3.11. Completion GNEE Corporation iate assignee category or categor are enclosed: No small entity discount permit # of Copies tus (from status indicated abov as SMALL ENTITY status. See TO is requested to apply the Iss id Publication Fee (if required) records of the United States Pal	se of a Customer BE PRINTED ON Toelow, no assignee of this form is NOT (Business (will not be provided) Teleston of this fo	registered 2 registered 2 registered 2 registered 1 registered 1 registered 1 registered 2 registered 2 registered 2 registered 3 registered 3 registered 3 registered 3 registered 4 registered 5 registered 6 registered 6 registered 6 registered 6 registered 7 registered 6 registered 7 registered 6 registered 7 registered 8 registered 9 regis	attorney of agent) and the diparent attorneys or agent amone will be printed. I (print or type) ear on the patent. If an a for filing an assignment. II: (CITY and STATE OR as, California atent): Individual atent): Individual fee(s): in the amount of the fee(s) by credit card. Form PTO-bottor is hereby authorized count Number 12-22. The property of the supplicant of t	is enclosed. 2038 is attached. by charge the required fee(s), or some content of the content o	roup entity Government overpay copy of this form). CFR 1.27(g)(2).	ment,

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time your require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.





LSI Logic Corporation 1621 Barber Lane MS: AD-106, Legal Milpitas, CA 95035

Date	December 02, 2005	
Number of	pages including cover sheet:	3

To: USPT	O/Office of Publications	From: Mai	From: Mark Salvatore		
			Intellectual Property Paralegal		
Phone	(571) 272-4200	Phone	(408) 433-7472		
Fax Phone CC:	(571) 273-2885	Fax Phone	(408) 433-7460		

REMARKS:	Urgent	For your review	⊠ Reply ASAP	☐ Please comment
Attention: Issu	ne Fee Department			
Re: 10/718,29	1			

Approved for use through 07/31/2005. OMB 0851-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

ct of 1995, no persons are required to respond to a collection of information unless it displays a yalid OMB control number.

	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	10/718,291		
TRANSMITTAL	Filing Date	November 19, 2003		
FORM	First Named Inventor	Toone, Andres		
	Art Unit	2825		
(to be used for all correspondence after initial fills		Do, Thuan V.		
Total Number of Pages in This Submission	2 Attorney Docket Number	03-1135		
ENCLOSURES (Check all that apply)				
Fee Transmittal Form Fee Attached Amendment/Repty After Final Affidavits/declaration(s) Extension of Time Request Express Abandonment Request Information Disclosure Statement Certified Copy of Priority Document(s) Reply to Missing Parts/ Incomplete Application Reply to Missing Parts under 37 CFR 1.52 or 1.53	Drawing(s) Licensing-related Papers Petition Petition to Convert to a Provisional Application Power of Attorney, Revocation Change of Correspondence A Terminal Disclaimer Request for Refund CD, Number of CD(s) Landscape Table on CD Remarks - Issue Fee Payment	After Allowance Communication to TC Appeal Communication to Board of Appeals and Interferences Appeal Communication to TC (Appeal Notice, Brief, Roply Brief) Proprietary Information Status Letter Other Enclosure(s) (please Identify below):		
SIGNAT	URE OF APPLICANT, ATTO	RNEY, OR AGENT		
Firm Name LSI Logic Corporation				
Signature UTKW				
Printed name Timothy R. Croll				
Date 1 Dec 05		Reg. No. 36,771		
CERTIFICATE OF TRANSMISSION/MAILING				
I hereby certify that this correspondence is being sufficient postage as first class mail in an enverthe date shown below: Signature	ing facsimile transmitted to the USPT elope addressed to: Commissioner for	O or deposited with the United States Postal Service with Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on		

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Tradement Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450, OO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS, SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Mark Salvatore

Typed or printed name